

Lesson Plan

Name of faculty : Abha Bansal
Discipline : Computer Engineering
Semester : 5
Subject : PHP
Lesson Plan Duration : 15 Weeks

Week	Theory		Practical	
	Lecture day	Topic (including assignment / test)	Practical day	Topic
1st	1st	Introduction to PHP	1	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure
	2nd	How PHP Works		
	3rd	The php.ini File, Basic PHP Syntax		
2 nd	4 th	PHP Tags	2	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure
	5 th	PHP Statements and Whitespace		
	6 th	PHP Statements and Whitespace		
3rd	7 th	Variable Types	3	Design PHP based web pages using correct PHP, CSS, and XHTML syntax, structure
	8 th	Variable Names (Identifiers)		
	9 th	Type Strength, Variable Scope		
4 th	10 th	Constants, assignment	4	Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate
	11 th	Variable-Testing		
	12 th	Manipulation Functions		
5 th	13 th	Operators: Strings	5	Create Web forms and pages that properly use HTTP GET and
	14 th	Arrays, comments		

	15 th	Sessional test		POST protocol as appropriate
6 th	16 th	Methods and Functions	6	Create Web forms and pages that properly use HTTP GET and POST protocol as appropriate
	17 th	Built in functions		
	18 th	User-defined functions		
7 th	19 th	Function arguments, Returning values	7	Design SQL language within MySQL and PHP to access and manipulate databases
	20 th	Variable functions		
	21 st	Anonymous functions		
8 th	22 nd	Control statements	8	Design SQL language within MySQL and PHP to access and manipulate databases
	23 rd	Conditional Processing		
	24 th	If Conditions , assignment		
9 th	25 th	Loops : while loop	9	Install and configure both PHP and MySQL
	26 th	do...while, for loops		
	27 th	break and continue		
10 th	28 th	PHP forms	10	Install and configure both PHP and MySQL
	29 th	Login Security Authentication(User logins)		
	30 th	Sessional test		
11 th	31 st	Authorization (Permissions)	11	Create PHP code that utilizes the commonly used API library functions built in to PHP.
	32 nd	Encryption		
	33 rd	Session Cookies		
12 th	34 th	PHP Mail	12	Create PHP code that utilizes the commonly used API library functions built in to PHP.
	35 th	PHP Mail		
	36 th	File Handling		
13 th	37 th	File Handling	13	Design and create a complete web site that demonstrates good PHP/MySQL client/server design
	38 th	File Uploading		
	39 th	File Uploading, assignment		
14 th	40 th	Introduction to MySQL	14	Design and create a complete web site that demonstrates good
	41 st	Database design		

	42 nd	Database Development using MySql		PHP/MySQL client/server design
15 th	43 rd	PHP Connectivity with MySQL	15	Design and create a complete web site that demonstrates good PHP/MySQL client/server design
	44 th	PHP Connectivity with MySQL		
	45 th	Sessional Test		